Methamphetamine

(Please select Slide Show on the PowerPoint toolbar and then select Start Slide Show From the Beginning from the left corner. The links (including the Certificate of Completion) will not function otherwise. Thank You)

proceed

Learning Objectives

- Identify the side effects of the drug methamphetamine.
- Identify the withdrawal symptoms associated with methamphetamine addiction.

proceed

What is Methamphetamine?

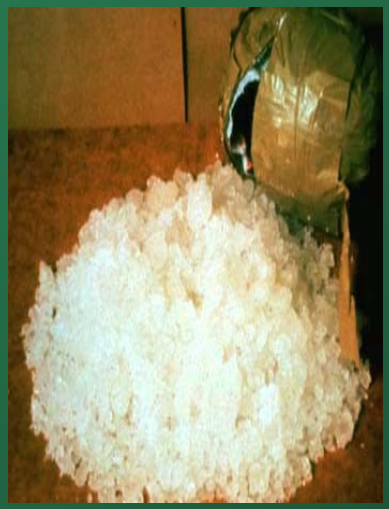
- Methamphetamine is a powerful, synthetic central nervous system stimulant.
- The majority of methamphetamine being consumed illegally is manufactured in clandestine laboratories around the United States.
- Classified by the DEA as a Schedule II Controlled Substance.
- Can be legally prescribed for attention deficit disorder

proce
ed

History of Methamphetamine

1919 – Methamphetamine first synthesized

1940s – Japan uses methamphetamine to increase work output by factor workers.



WWII – Used by Allies and the Axis to help stay awake during battles and bombing runs.

1959 – FDA bans the use of most amphetamines from use in inhalers due to their side effects.

1960s – Methamphetamine use begins to rise throughout the United States.

proceed

History of Methamphetamine

1970 – Use of methamphetamine rises at an alarming rate in California.

1970 – Amphetamines become a controlled substance due to the "U.S. Drug Abuse Regulation and Control Act of 1970".

1996 – The "Comprehensive Methamphetamine Control Act" establishes new reporting requirements for companies that sell methamphetamine supplies via mail.

Present – Associated with *raves* and belongs to *club drug* family.

proce
ed

How is Methamphetamine Used?

Methamphetamine is generally a white or off-white powder that can be ingested in several ways:

- **Orally**
- **Snorted**
- **Injected**
- **Smoked**

proce
ed

Short Term Side Effects

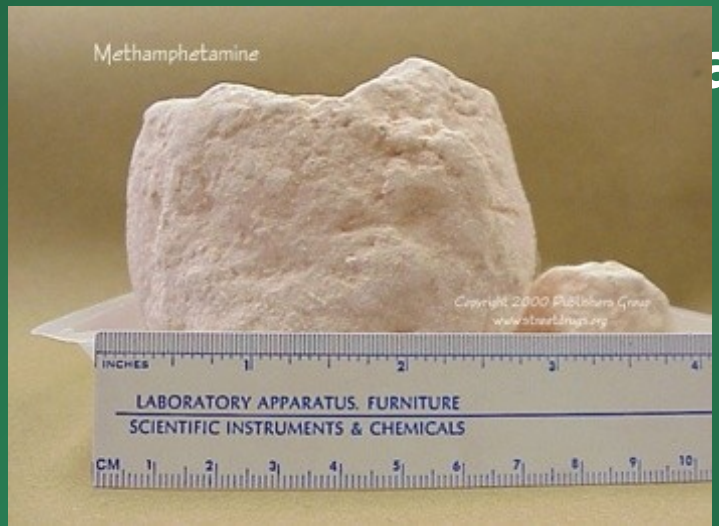
- Excessive Talking
- Increased Activity
- Nervousness
- Decreased Fatigue
- Anxiety / Panic Attacks
- Hallucinations
- Nervousness
- Excessive Sweating
- Skin Welts
- Violent / Suicidal Behavior

proce
ed

Long Term Side Effects

Methamphetamine use can cause serious long term side effects that can affect the user for the rest of their life:

- **Immune System Damage**
- **Psychological Problems**
- **Fatal Kidney Disorders**
- **Fatal Lung Disorders**
- **Birth Defects**
- **Stroke**
- **Death**



proce
ed

Addiction

<u>Physical Dependence</u> – When the user's body cannot function properly without ingestion of the drug.

<u>Psychological Dependence</u> – When the consumption of the drug takes priority over other activities within the user's daily life.

proceed

Withdrawal

Symptoms of methamphetamine withdrawal can include:

- **Hunger**
- **Extreme Fatigue**
- **Anxiety / Irritability**
- **Chronic Depression**
- **Restless Sleep**
- **Severe Nightmares**
- **Severe Distress**
- **Panic Attacks**

proceed

Methamphetamine Testing in the Army

- Methamphetamine can be detected in urine for
  2 - 3 days after ingestion.
- The Army tests every specimen for methamphetamines.
- The illegal use of methamphetamine or any drug goes against Soldiers Values.

proce
ed

Additional Information

Additional information on amphetamines can be found by contacting the Army Substance Abuse Program or by visiting http://www.acsap.army.mil.

proce
ed

Check Point!

Now You Choose…

proceed

Methamphetamine is classified by the DEA as a Schedule II Controlled Substance and a central nervous system:

Depressant ?
Stimulant ?
Inhalant ?
Hybrid ?

Correct!

Methamphetamine is classified by the DEA as a Schedule II Controlled Substance and a central nervous system stimulant.

proceed

The correct answer is ‘Stimulant’…

Methamphetamine is classified by the DEA as a Schedule II Controlled Substance and a central nervous system stimulant.

What is Methamphetamine?

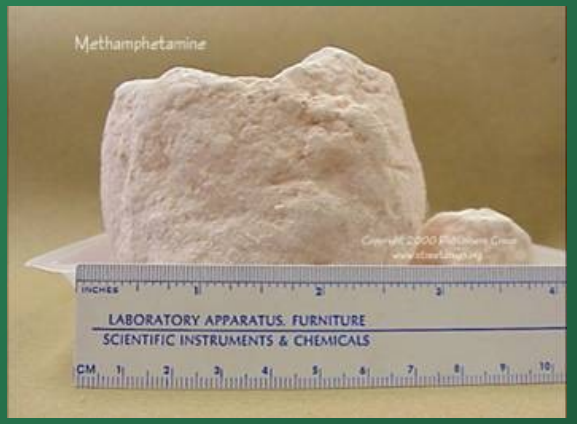
- Methamphetamine is a powerful synthetic central nervous system stimulant.
- The majority of methamphetamine being consumed illegally is manufactured in clandestine laboratories around the United States.
- Classified by the DEA as a Schedule II Controlled Substance.
- Can be legally prescribed for attention deficit disorder under the brand name Desoxyn.

proce
ed

Methamphetamine is generally a white or off-white powder that can be ingested several different ways

True ?

False ?



Correct!

Methamphetamine is generally a white or off-white
powder that can be ingested several different ways.

proceed

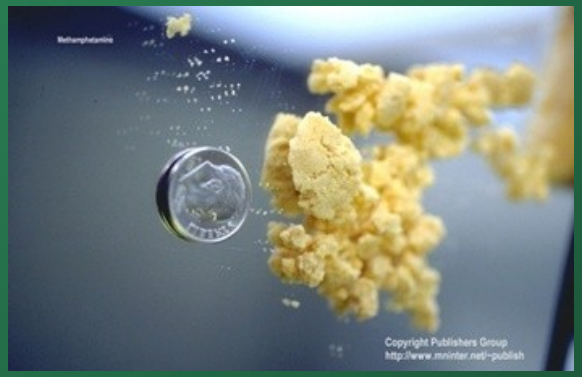
The correct answer is 'True'...

Methamphetamine is generally a white or off-white powder that can be ingested several different ways.

How is Methamphetamine Used?

Methamphetamine is generally a white or off-white powder that can be ingested in several ways:

- **Orally**
- **Snorted**
- **Injected**
- **Smoked**



proce
ed

Methamphetamine’s long term side effects include:

Fatal Kidney Disorders ?
Severe Brain Damage ?
Immune System Damage ?
Death ?
All of the Above ?

Correct!

Methamphetamine’s long term side effects include <u>All of the Above</u>.

proceed

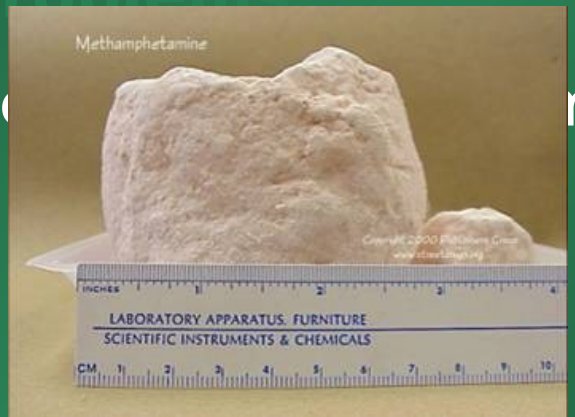
The correct answer is 'All of the Above'…

Methamphetamine's long term side effects include All of the Above.

Long Term Side Effects

Methamphetamine use can cause serious long term side effects that can affect the user for the rest of their life:

- **Immune System Damage**
- **Psychological Problems**
- **Severe Tooth Damage**
- **Fatal Kidney Disorders**
- **Fatal Lung Disorders**
- **Birth Defects**
- **Stroke**
- **Death**



proceed

What is the term for
“When the user’s body cannot function
Properly without the ingestion of the drug”?

Psychological
Dependence?

Physical Dependence?

Correct!

What is the term for
“When the user’s body cannot function
Properly without the ingestion of the drug”? ~ **Physical Dependence**

proceed

The correct answer is Physical Dependence

What is the term for
"When the user's body cannot function Properly without the ingestion of the drug"? ~ **Physical Dependence**

Addictio

n

Physical Dependence – When the user's body cannot function properly without ingestion of the drug.

Psychological Dependence – When the consumption of the drug takes priority over other activities within the user's daily life.

proce

ed

e Army tests all urine samples for methamphetamin

True ?

False ?

Correct!

e Army tests all urine samples for methamphetamin

proceed

The correct answer is 'True'...

e Army tests all urine samples for methamphetami

Methamphetamine Testing in the Army

- Methamphetamine can be detected in urine for 2-3 days after ingestion.
- The Army tests every specimen for methamphetamines.
- The illegal use of methamphetamine or any drug goes against Soldiers Values.

proce
ed

Thank You…

please advance to
certificate
Type your name and organization and print it.
Save a copy to your files and email it to
usarmy.lee.imcom.mbx.leee-ima-adco@mail.mil
and your organization Training Officer
confirming you have completed
this Army Substance Abuse Program
online training.

(If you have questions, call 734-9079.)